Notebook, N-13-02-10

Tubes not plotted but corrected
Req for 1564 — 2310 7001 7049 7064
21K 4 li Run 3 turns clump + put in 21K 2 li

6123	1213	
6124	1257	
6125	1277	

Dup 6123
Except 3 turns 21K 4 li clump put in plain 21K

6126	1153	
6127	1127	
6128	1123	

1563 Req 7260 7267

6129	1193	
6130	1197	

1564 Req 7295 7256

6131	1257	
6132	1237	

1565 Req 7260 7294

6133	1220	
6134	1220	

1566 Req 7392 7337

6135	1193	
6136	1213	

1567 Req 7327 7338

6137	1267	
6138	1303	

1568 Req 7329 7338

6139	1237	
6140	1233	

Note

1243	1273	503	1273	1300	620
1240	1287	513	1290	1313	627
1273	1297	463	1297	1320	547
1040	1057	237	950	983	193
1033	1040	200	993	997	217
1043	1053	240	957	967	210
1273	1297	403			
1287	1303	433			
1347	1363	440			
1347	1358	460			
1370	1380	480			
1320	1330	433			
1373	1390	510			
1313	1323	447			
1357	1373	453			
1373	1380	460			
1377	1393	377			
1387	1397	413			

				200		
6123	1273	1303	740	1347	1377	340
6124	1310	1342	693	1370	1443	773
6125	1277	1313	643	1347	1373	707
6126	1350	1380	207	810	913	313
6127	1347	1387	210	797	903	313
6128	1357	1383	223	840	940	313

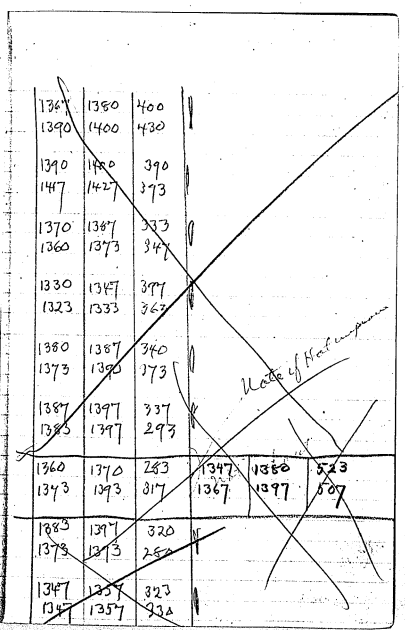
After 200 Run put on 21K 4 Li run 3 Lines then adj's to 21K2 L. Run Reg

250	1/2	H	300	1/2	Hal
1237	1283	607	1260	1323	753
1270	1323	643	1287	1350	797
1257	1307	643	1277	1337	790

6123	1043	1267	797	997	1183	1123
6124	1000	1273	800	1060	1200	1167
6125	1037	1293	797	1080	1263	1157

NOTE

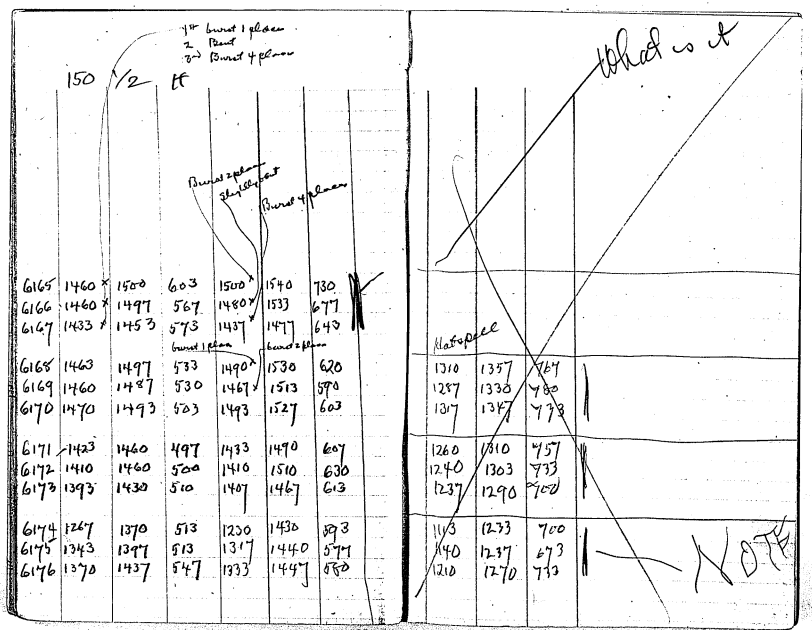
1569 Reg	7432	6141	1260
	7398	6142	1260
1570 Reg	7385	6143	1307
	7380	6144	1307
1571 Reg	7276	6145	1257
	7285	6146	1260
82 Flake	7258	6147	1203
23.7 4.2	7257	6148	1220
1573 Reg	7459	6149	1233
	7396	6150	1237
1574 Reg	7392	6151	1310
	7406	6152	1310
1575 Reg	7372	6153	1243
	7452	6154	1240
1576 Reg	7431	6155	1260
	7454	6156	1283
83 Flake 23.8	4.2	6157	1257
	7262	6158	1257
	7229		



6153	1270	1367	640
6154	1347	1387	393

1572 Req	7345	6159	1253
	7343	6160	1257
1577 Req	7290	6161	1260
	7293	6162	1263
1578 Req	7297	6163	1253
	7311	6164	1273
Goldstein 637 - dried uncovered box one hole 14 drops - 520 NaOH. 4. 26.8 2548	7900	6165	1300
	7896	6166	1280
gritty granulary heavy	7870	6167	1300
Goldstein 637 - dried covered box one hole 14 drops - 520 NaOH. 4. 26.7 2548	7627	6168	1273
	7560	6169	1273
Soft Crumbly adhesion	7550	6170	1283
Goldstein 638 - dried covered box 2 Holes - 14 drops 500 NaOH. 4. 27.8 2558	7243	6171	1300
	7184	6172	1277
Soft Crumbly	7249	6173	1300
Goldstein 639 - dried covered box 2 Holes 13 drops 510 NaOH. 4 26.8 2438	7035	6174	1260
	7065	6175	1260
pressed into discs 300 atmos	7066	6176	1263

1327	1347	347			
1357	1357	347			
1367	1383	403			
1373	1383	427			
1363	1377	423			
1387	1393	393			
1410	1423	410	1459	1457	460
1440	1457	453	1473	1450	443
1413	1427	373	1427	1443	447
1370	1423	367	1453	1467	427
1393	1413	387	1457	1473	450
1410	1427	403	1453	1470	447
1410	1423	403	1433	1453	433
1367	1393	407	1393	1417	437
1373	1387	403	1383	1397	400
1357	1363	423	1333	1390	453
1350	1367	393	1343	1383	457
1375	1387	400	1390	1423	477


4th burst 1 phase
2 Reset
3rd Burst 4 phase
150 1/2 ft
Burst 2 phase
Skyflyfest
Burst 4 phase
6165 1460 1500 603 1500 1540 730
6166 1460 1497 567 1480 1533 677
6167 1433 1453 573 1437 1477 648
burst 1 phase
Reset 2 phase
6168 1463 1497 533 1490 1530 620
6169 1460 1487 530 1467 1513 590
6170 1470 1493 503 1493 1527 603
6171 1423 1460 497 1433 1490 607
6172 1410 1460 500 1410 1510 630
6173 1393 1430 510 1407 1467 613
6174 1267 1370 513 1230 1430 593
6175 1343 1397 513 1317 1440 577
6176 1370 1437 547 1333 1447 580
What is it
Mostpace
1310 1357 767
1287 1330 780
1317 1347 773
1260 1310 757
1240 1303 733
1237 1290 700
1193 1233 700
1140 1237 673
1210 1270 773
NOTE

Goldstein 644 — Dried covered box 2 holes 21 days 520 mach. 4.27	7295	6177	1250
243d	7267	6178	1263
Grilley granular	7314	6179	1277
Goldish 643 Dried Covered box 5 Holes 14 days 510 mach. 4.27	7365	6180	1233
243d	7395	6181	1220
Grilley granular	7387	6182	1243
847 Rocks 23.8 264d	7487	6183	1177
	7500	6184	1167
1583 Reg	7301	6185	1173
	7375	6186	1190
1579 Reg	7490	6187	1250
	7519	6188	1263
857 24.2 4.2 264d	7277	6189	1200
	7224	6190	1177
1580 Reg	7341	6191	1193
	7375	6192	1180
1581 Reg	7627	6193	1227
	7527	6194	1220

50	1/8	Hot	100	1/2	1/4
1393	1400	393	1413	1443	1490
1387	1413	400	1413	1440	477
1397	1417	417	1423	1447	493
1363	1397	433	1393	1390	490
1353	1379	430	1383	1400	517
1387	1400	443	1390	1420	547
1297	1323	383			
1263	1273	420			
1227	1257	407			
1260	1280	457			
1357	1373	430			
1370	1393	440			
1317	1343	437			
1357	1367	360			
1358	1357	390			
1327	1347	397			
1360	1393	500			
1327	1357	473			

6177	1417	1467	527	1460	1527	610
6178	1417	1470	517	1423	1520	590
6179	1417	1483	527	1348	1507	563
6180	1343	1397	548	1317	1453	537
6181	1373	1420	530	1330	1427	560
6182	1360	1423	520	1350	1500	538

Halfspeed — burnt filament — Wheatstone

1307	1360	743
1267	1347	687
1297	1347	657
1213	1307	647
1273	1343	677
1273	1343	660

1582 Req 262	7383 7433	6195 6196	1227 1243
1584 Req	7518 7526	6197 6198	1243 1220
1585 Req	7341 7295	6199 6200	1223 1223
1586 Req	7567 7581	6201 6202	1250 1233
1587 Req	7630 7598	6203 6204	1297 1277
1588 Req	7584 7563	6205 6206	1287 1287
1589 Req	7668 7576	6207 6208	1277 1267
1590 Req	7708 7760	6209 6210	1283 1257
1591 Req	7387 7419	6211 6212	1257 1260

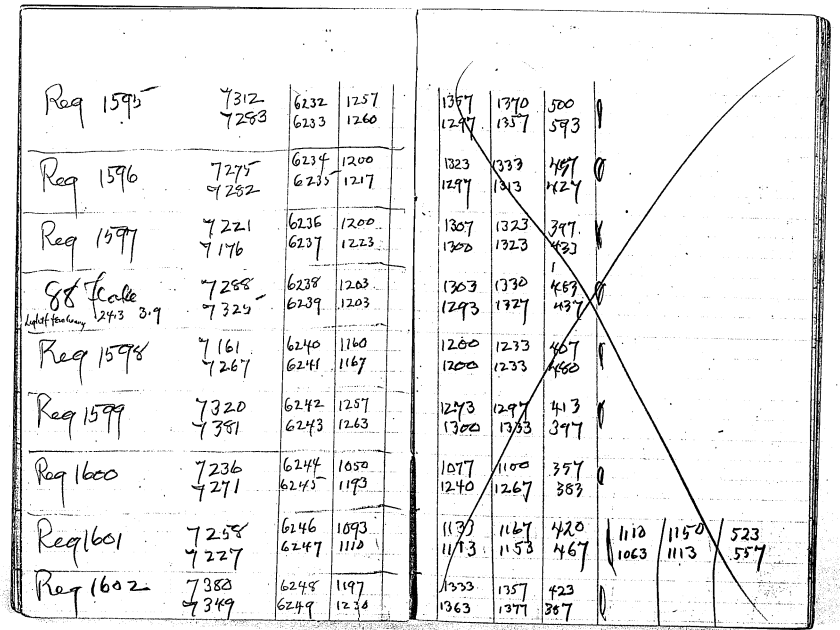
1313 1320	1330 1340	413 423
1307 1323	1310 1360	333 307
1317 1300	1333 1313	317 347
1333 1327	1360 1367	437 413
1400 1357	1430 1387	350 414
1333 1320	1347 1303	330 423
1310 1297	1327 1307	383 320
1330 1303	1333 1333	333 340
1300 1310	1317 1327	367 347

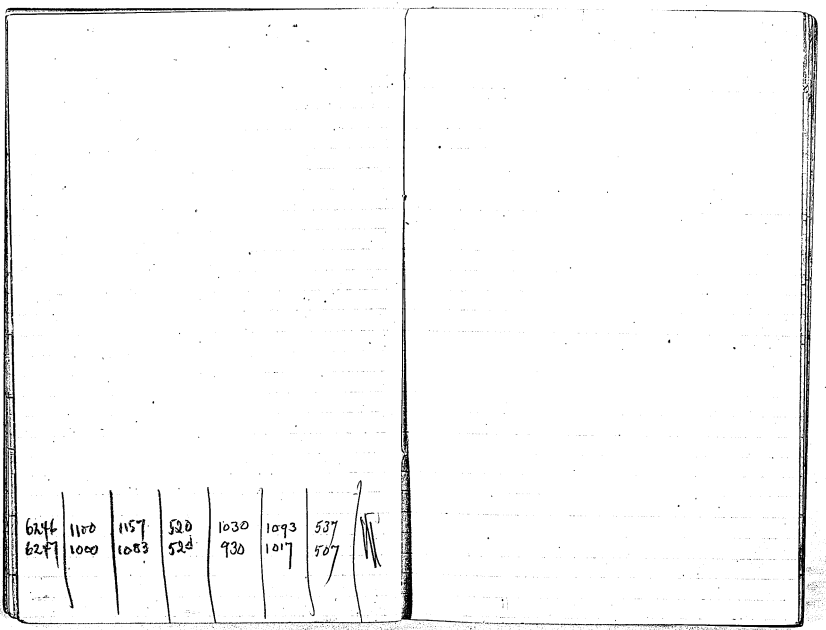
1592 Reg	7320	6213	1230
	7256	6214	1273
1593 Reg	7390	6215	1260
	7369	6216	1273
Goldalan 640 – Dried covered Sox		6217	1307
2 Holes 21 Days 530 Month.		6218	1300
4. 2619 . 235D	7198	6219	1290
	7162		
passed 300 calmos	7208		
Goldalan 635 Dried covered Sox		6220	1280
1 Hole 27 Days. 530 Month.		6221	1307
4 2615	7415	6222	1307
2420	7673		
Granulom quality	7640		
Goldalan 636 – Dried covered Sox		6223	1283
11 Hole 520 Month 21 Days = 7651		6224	1283
243 D	7719	6225	1283
	7653		
1439 Expt 233 D	7112	6226	1180
	7163	6227	1191
1440 Expt 235 D	7218	6228	1230
	7198	6229	1248
Reg 1594	7328	6230	1250
	7264	6231	1233

1290	1307	450				
1347	1363	470				
1323	1387	393				
1317	1393	460				
1347	1487	367	1423	1457	440	
1380	1397	340	1390	1493	450	
1371	1400	383	1382	1420	517	
1347	1367	397	1397	1420	580	
1393	1417	420	1447	1463	607	
1390	1413	457	1413	1447	643	
			1418	1482	590	
			1420	1460	497	
			1410	1437	573	
1273	1303	433	1287	1303	420	
1293	1353	417	1337	1353	353	
1347	1363	442	1363	1377	403	
1297	1358	452	1333	1360	497	
1354	1393	470				
1357	1370	483				

				200		
6217	1390	1447	587	1337	1437	717
6218	1387	1437	577	1327	1400	677
6219	1360	1437	533	1297	1380	660
6220	1347	1417	610	1294	1397	634
6221	1447	1477	607	1437	1527	690
6222	1420	1460	630	1380	1453	690
6223	1413	1457	690	1357	1443	700
6224	1427	1460	697	1390	1457	727
6225	1420	1460	703	1317	1430	727
6226	1290	1327	583	1157	1297	513
6227	1410	1443	663	1267	1400	597
6228	1353	1387	680	1263	1363	953
6229	1350	1383	557	1313	1383	570
6230						
6231						

300					
1190	1394	633	1123	1210	650
1133	1330	633	1130	1243	653
1117	1310	633	1143	1263	660

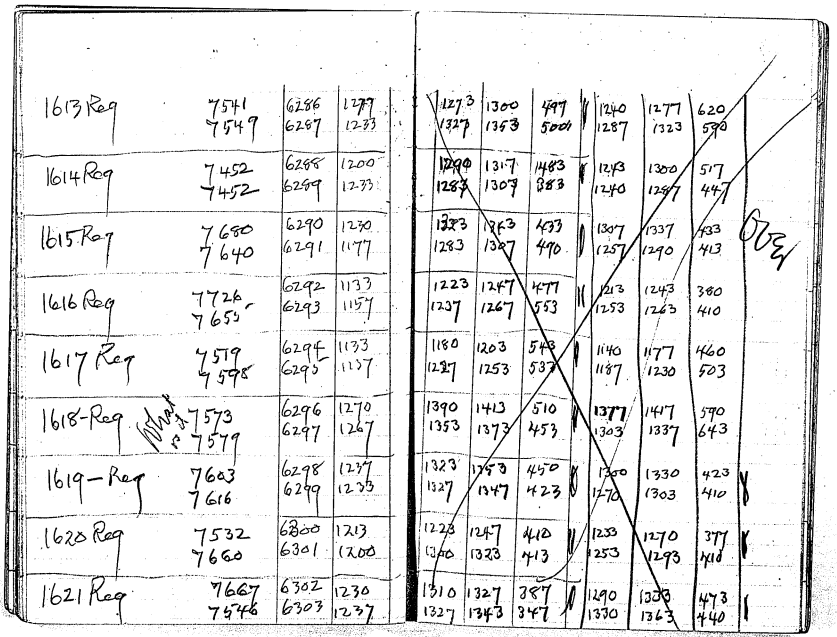

Req 1595
7312
7283
6232
6233
1257
1260
Req 1596
7275
7282
6234
6235
1200
1217
Req 1597
7221
7176
6236
6237
1200
1223
98 Scale
Light Hauling 24.3 3.9
7258
7329
6238
6239
1203
1203
Req 1598
7161
7267
6240
6241
1160
1167
Req 1599
7320
7381
6242
6243
1257
1263
Req 1600
7236
7271
6244
6245
1050
1193
Req 1601
7258
7227
6246
6247
1093
1110
Req 1602
7380
7349
6248
6249
1197
1230
1357
1297
1370
1357
500
593
1323
1297
1333
1313
497
427
1307
1300
1323
1323
397
437
1303
1293
1330
1327
487
437
1200
1200
1233
1233
467
460
1293
1300
1297
1303
413
397
1077
1240
1100
1267
357
383
1130
1113
1167
1153
420
467
1333
1363
1357
1377
423
387
1110
1063
1150
1113
523
557


6246 1100 1157 520 1030 1093 537
6247 1000 1083 524 930 1017 507

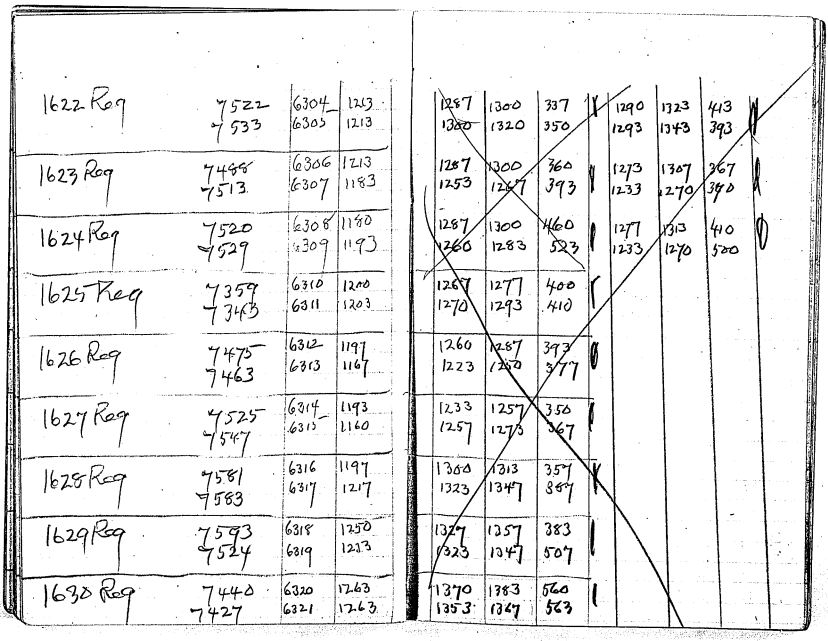
Req 1603	7248 7270	6250 6251	1200 1210	1345 1350	1360 1367	403 410					
87 leaks 237N 24.2 4↓	7275 7271	6252 6253	1163 1143	1323 1307	1330 1317	413 410					
Spec f – 3/4 Req f – 3.9 gun dump Def 41 – 1/4 fumes D 237N 24.2 4↓ Req 227N	6955 7010	6254 6255	1153 1183	1307 1257	1327 1273	433 420	1327 1313	1363 1343	540 530		
Dup 6254 1/2 Req 1/2 fumes 5.1 gun dump	7075 7068	6256 6257	1110 1163	1277 1303	1293 1320	427 437	1313 1350	1343 1377	573 570		
Spec f Dup 7.4 gun dump All fumes	7261 7185	6258 6259	907 917	1150 1160	1173 1177	393 403	1197 1193	1230 1227	527 543		
88 f 24 - 4.4 -	7304 7374	6260 6261	1160 1160	1323 1320	1337 1333	397 400					
1604 Req	7538 7491	6262 6263	1227 1233	1370 1396	1383 1377	417 397					
Spec bakeout test Req to 26.8 4 f 237N Pump 9 am 7/9 th out 8 a 7/10 th 8 am –	7001 6955	6264 6265	1303 1300	1360 1363	1370 1380	350 373	1333 1353	1343 1363	1423 573		
Dump – in 8 am 7/9 to 10 out 8 am 7/9 to 11	6963 6984	6266 6267	1290 1287	1360 1333	1373 1353	380 337	1357 1360	1377 1380	533 523		

Final Bake test: in 10 pm Feb 10 out 8am 11	7000	6268	1300
	7079	6269	1313
1605 Reg	7580	6270	1247
	7596	6271	1223
1606 Reg	7355	6272	1220
	7461	6273	1200
1607 Reg	7475	6274	1230
	7402	6275	1220
1608 Reg	7504	6276	1237
	7435	6277	1227
1609 Reg	7407	6278	1227
	7455	6279	1193
1610 Reg	7235	6280	1243
	7325	6281	1230
1611 Reg	7550	6282	1230
	7556	6283	1193
1612 Reg	7476	6284	1180
	7496	6285	1213

1330	1360	553			
1327	1353	570			
1397	1427	550			
1417	1443	584			
1377	1400	543			
1360	1390	537			
1367	1383	527			
1393	1353	407			
1323	1350	447			
1340	1360	453			
1210	1240	447			
1200	1230	458			
1300	1330	437			
1293	1323	430			
1313	1330	443	1243	1293	623
1283	1307	513	1270	1323	667
1287	1317	580	1290	1340	683
1313	1333	503	1317	1367	650


1613 Reg
7541
7549
6286
6287
1279
1283
1614 Reg
7452
7452
6288
6289
1200
1233
1615 Reg
7680
7640
6290
6291
1230
1177
1616 Reg
7726
7655
6292
6293
1133
1157
1617 Reg
7519
7598
6294
6295
1133
1137
1618-Reg
7573
7579
6296
6297
1270
1267
1619-Reg
7603
7616
6298
6299
1237
1233
1620 Reg
7532
7660
6300
6301
1213
1200
1621 Reg
7667
7546
6302
6303
1230
1237
1273 1300 497
1327 1353 5001
1240 1277 620
1287 1323 590
1290 1317 1483
1287 1307 883
1243 1300 517
1240 1297 447
1283 1263 433
1283 1327 490
1307 1337 433
1257 1290 413
1223 1247 477
1237 1267 553
1213 1243 380
1253 1263 410
1180 1203 543
1227 1253 537
1140 1177 460
1187 1230 503
1390 1413 510
1353 1373 453
1377 1417 590
1303 1337 643
1323 1353 450
1327 1347 423
1300 1330 423
1270 1303 410
1223 1247 410
1240 1323 413
1253 1270 377
1293 418
1310 1327 387
1327 1343 347
1290 1330 473
1330 1363 440
Bad

	150	1/2	1st	
6256	1303	1353	600	
6257	1343	1400	593	
6258	1253	1357	583	
6259	1267	1323	540	
6290	1310	1363	557	
6291	1293	1327	564	
6292	1207	1263	600	
6293	1267	1317	607	
6294	1210	1260	600	
6295	1247	1293	907	
6296	1433	1473	707	
6297	1367	1400	597	

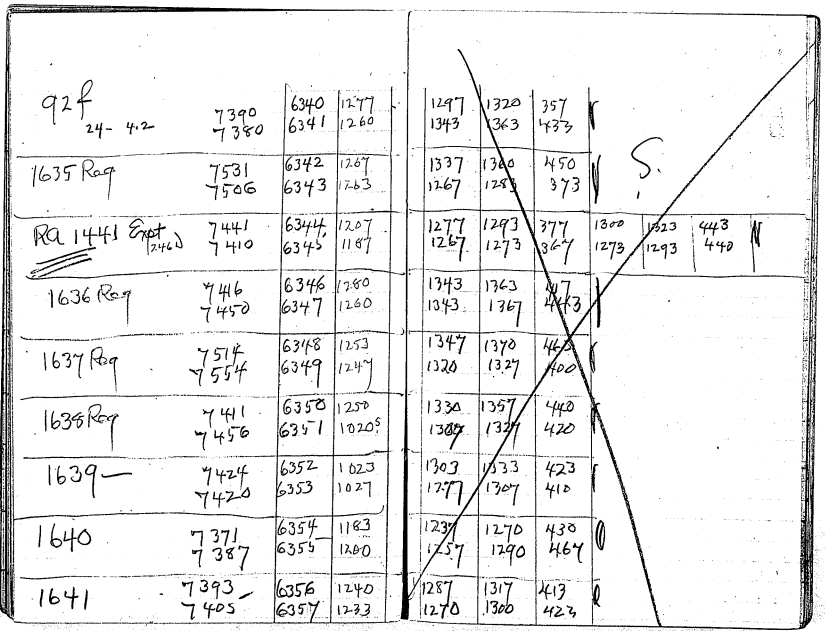


1622 Reg	7522 7533	6304 6305	1213 1213
1623 Reg	7488 7513	6306 6307	1213 1183
1624 Reg	7520 7529	6308 6309	1180 1193
1625 Reg	7359 7343	6310 6311	1200 1203
1626 Reg	7475 7463	6312 6313	1197 1167
1627 Reg	7525 7547	6314 6315	1193 1160
1628 Reg	7581 7583	6316 6317	1197 1217
1629 Reg	7593 7524	6318 6319	1250 1223
1630 Reg	7440 7427	6320 6321	1263 1263

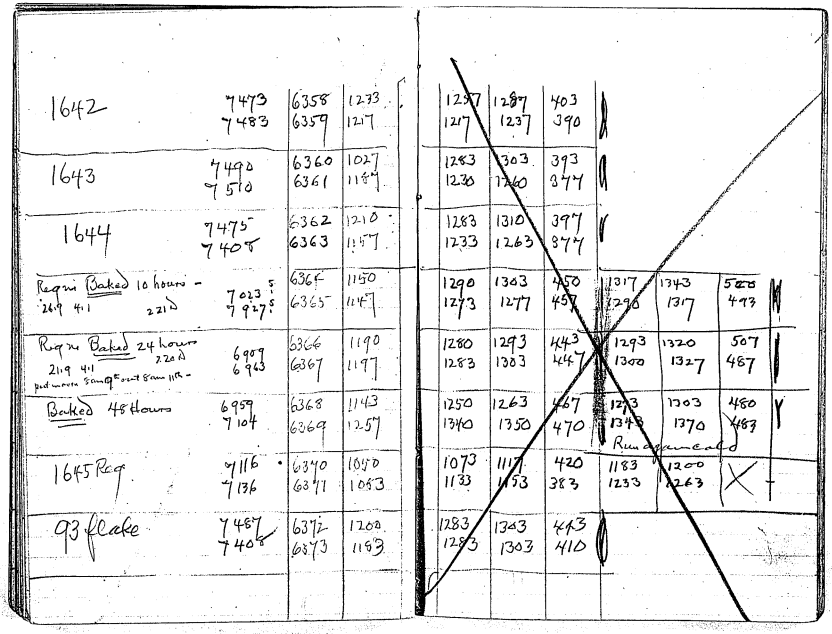
1287 1300	1300 1320	337 350	1290 1293	1323 1343	413 393	
1287 1253	1300 1267	360 393	1273 1233	1307 1270	367 390	
1287 1260	1300 1283	460 523	1277 1233	1313 1270	410 520	
1267 1270	1277 1293	400 410				
1260 1223	1287 1260	393 377				
1233 1257	1257 1273	350 367				
1300 1323	1313 1347	357 387				
1327 1323	1357 1347	383 507				
1370 1353	1383 1367	560 563				

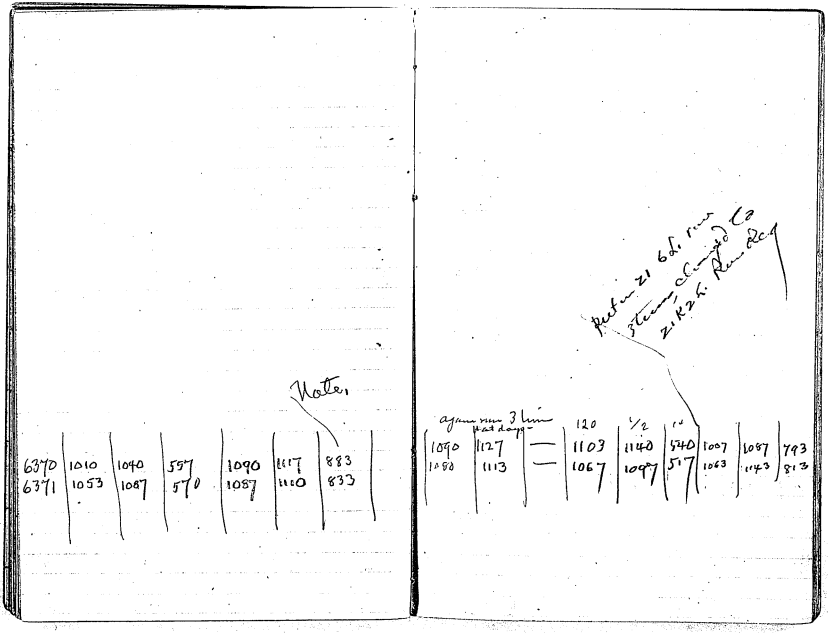
1631 Reg	7368	6322	1193	1267	1293	303	
	7492	6323	1210	1273	1298	260	
1632 Reg	7626	6324	1270	1393	1443	297	
	7638	6325	1243	1310	1330	253	
1633 Reg	7644	6326	1263	1363	1380	597	
	7580	6327	1257	1327	1337	603	
Golden 621 – 21K4Li 3 bmin Cold – Empty out – 21K 2Li Then hot & chill Then 3 bmin and 6 min Then 6 min & then 7 of all		6328	1350	1647	1717	1720	
		6329	1343	1637	1700	1680	
89f 23.7 4.4	7420	6330	1207	1280	1294	643	
	7476	6331	1183	1217	1240	647	
1634 Reg	7548	6332	1220	1267	1283	440	
	7447	6333	1210	1263	1273	647	
88f – 24. 4.4	7384	6334	1143	1220	1227	547	
	7333	6335	1170	1233	1270	473	
90f 24. 4.4 –	7312	6336	1220	1263	1297	466	
	7360	6337	1223	1363	1317	433	
91f 24. 4.3	7343	6338	1230	1310	1330	390	
	7395	6339	1250	1257	1280	343	

NOTE
What is it
golden 621
5 5
what is

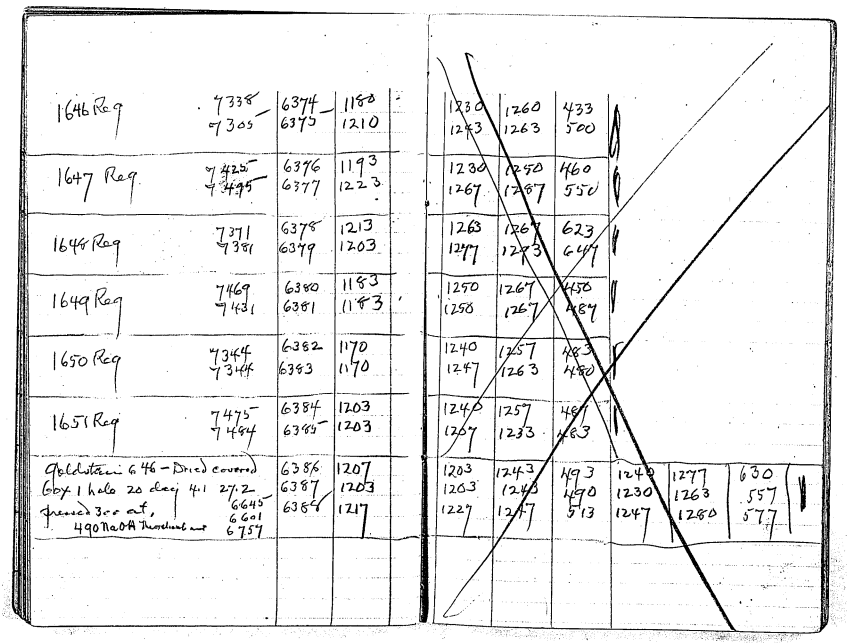


92f 24-4.2	7390 7380	6340 6341	1277 1260	1297 1343	1320 1363	357 433				
1635 Reg	7531 7506	6342 6343	1267 1263	1337 1267	1380 1285	450 373				
RA 1441 Expt 2460	7441 7410	6344 6345	1207 1187	1277 1267	1293 1273	377 367	1300 1273	1323 1293	443 440	
1636 Reg	7446 7450	6346 6347	1280 1260	1343 1343	1363 1367	447 443				
1637 Reg	7514 7554	6348 6349	1253 1247	1347 1320	1370 1327	463 400				
1638 Reg	7411 7456	6350 6351	1250 1020?	1330 1307	1357 1327	440 420				
1639	7424 7420	6352 6353	1023 1027	1303 1277	1333 1307	423 410				
1640	7371 7387	6354 6355	1183 1200	1237 1257	1270 1290	430 464				
1641	7393 7405	6356 6357	1240 1233	1287 1270	1317 1300	413 423				


1642
7473
7483
6358
6359
1233
1217
1237
1287
1217
1237
403
390
1643
7490
7510
6360
6361
1027
1184
1283
1230
1303
1260
393
344
1644
7475
7408
6362
6363
1210
1157
1283
1233
1310
1263
397
374
Regen Baked 16 hours -
269 41 221d
7023
7927
6365
1150
1145
1290
1273
1303
1277
450
457
1317
1290
1343
1317
580
493
Regen Baked 24 hours
219 41 224d
6909
6963
6366
6367
1190
1197
1280
1283
1293
1303
443
447
1293
1300
1320
1327
507
487
Baked 48 Hours
6959
7104
6368
6369
1143
1257
1250
1340
1263
1350
467
470
1273
1343
1303
1370
480
487
Run Requested
1645 Reg
7116
7136
6370
6371
1050
1053
1073
1133
1117
1153
420
383
1183
1233
1200
1263
93 flake
7487
7408
6372
6373
1208
1193
1283
1283
1343
1303
443
410


Note:
6370 1010 1040 597 1090 1117 883
6371 1053 1087 570 1087 1110 833
again more 3 hours
1090 1127 1103 1140 540 1007 1087 793
1080 1113 1067 1097 517 1063 1143 813

1369	1037	958	220	1047	1123	1144	1370		


1646 Req
7338
7305
6374
6375
1188
1210
1647 Req
7425
7395
6376
6377
1193
1223
1648 Req
7371
7381
6378
6379
1213
1203
1649 Req
7469
7431
6380
6381
1183
1183
1650 Req
7364
7346
6382
6383
1170
1170
1651 Req
7475
7484
6384
6385
1203
1203
Gelatin 6.46 – Dried covered
6645
6601
6757
6386
6387
6388
1207
1203
1217
1230
1243
1260
1263
433
500
1230
1267
1250
1267
460
550
1263
1247
1267
1273
623
647
1250
1258
1267
1267
450
484
1240
1247
1257
1263
483
480
1240
1267
1257
1233
487
483
1203
1263
1227
1243
1247
493
490
513
1249
1230
1247
1277
1263
1280
630
557
577

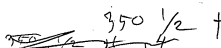
Goldstein 647 – 500 NaOH. Pressed 300 atmos 6833 6869 4:1 26:7 Dried covered bag one hole 26 days 6862 222 d	6389	1227	1267	1290	450	1297	1323	547
	6390	1230	1263	1287	407	1273	1307	510
	6391	1230	1283	1303	410	1310	1333	543
Goldstein 648 – 510 NaOH. Pressed 300 atmos 6860 6811 Dried in covered bag one hole 6863 32 days 220 d	6392	1210	1287	1317	403	1333	1373	567
	6393	1207	1287	1317	447	1313	1373	573
	6394	1217	1283	1303	457	1323	1367	537
Goldstein 650 – 490 Kieselsäure NaOH. Press 300 atm – Dried 26 days 6741 6729 6723 218 d	6395	1173	1160	1200	500	1227	1263	617
	6396	1143	1150	1177	443	1193	1233	570
	6397	1173	1163	1207	413	1230	1257	523
Goldstein 653 – 520 NaOH. Press 300 atm – dried bag 2 holes 7048 7074 7049 19 days – 226 d	6398	1237	1320	1333	338	1360	1383	493
	6399	1243	1323	1343	337	1347	1373	497
	6400	1247	1350	1367	363	1393	1417	533
Goldstein 654 Dried covered bag 5 holes 19 days pressed dessen 6647 6612 6621 300 atmos 216 d	6401	1167	1243	1263	360	1280	1310	537
	6402	1177	1250	1267	497	1273	1303	647
	6403	1180	1263	1287	540	1283	1313	650
Goldstein 655 Dried Covered bag 5 holes 26 days 6763 6742 6739 pressed 300 atmos	6404	1207	1333	1340	337	1373	1400	533
	6405	1207	1337	1350	887	1373	1400	510
	6406	1210	1333	1340	877	1367	1400	483

6389	1310	1343	590	1257	1327	587	
6390	1297	1323	584	1253	1313	553	
6391	1287	1317	533	1127	1327	563	
6392	1343	1364	553	1327	1390	630	
6393	1327	1353	513	1277	1363	613	
6394	1343	1370	500	1323	1393	623	
6395	1240	1283	680				
6396	1143	1190	603				
6397	1327	1279	627				
6398	1357	1387	617				
6399	1350	1380	620				
6400	1360	1397	593				
6401	1293	1327	513				
6402	1270	1313	543				
6403	1367	1353	503				
6404	1357	1390	523				
6405	1347	1383	537				
6406	1330	1367	507				

Wholeheart

Goldsboro 656		6407	1220	Note Cobalt runs				
Dried overnight at 75° Hg 32 Days 224 D		6408	1220	50	½	H	100	½ Hot
	6962	6409	1230	1337	1360	347	1403	1430 447
pressed 300 atmos	6978			1340	1363	367	1410	1433 440
	7016			1358	1367	327	1397	1420 410
Goldsboro 659 -		6410	1257	1403	1423	313	1443	1460 413
1% Cobalt hydrox	7200	6411	1247	1403	1423	293	1453	1473 483
pressed 300 atmos -	7260	6412	1223	1413	1433	340	1457	1477 503
	7224							
Goldsboro 660 -		6413	1233	1380	1403	310	1423	1443 457
1% Cobalt hydrox	7124	6414	1233	1383	1410	340	1460	1480 487
pressed 300 atmos	7140	6415	1240	1403	1423	400	1463	1483 487
	7134							
Goldsboro 661		6416	1223	1403	1420	380	1433	1457 443
1% Cobalt hydrox	7052	6417	1210	1393	1413	357	1443	1467 437
pressed 300 atmos	7100	6418	1197	1393	1413	360	1483	1457 467
	7054							
Goldsboro 662		6419	1190	1430	1450	290	1430	1458 437
3% Cobalt hydrox	6856	6420	1183	1417	1433	277	1417	1440 450
pressed 300 atmos	6835	6421	1180	8390	1410	293	1447	1473 520
	6826							
Goldsboro 663		6422	1180	1430	1453	297	1430	1457 460
4% Cobalt hydrox		6423	1183	1433	1453	333	1410	1437 406
pressed 300 atmos	6963	6424	1174	1407	1427	317	1360	1407 367
	6935							
	6909							

6407	1367	1397	450										
6408	1377	1410	497										
6409	1380	1413	460										
6410	1430	1463	517	1393	1493	633		1353	1420	300	1210	1367	683
6411	1453	1480	560	1390	1493	650		1357	1457	640	1197	1347	617
6412	1460	1487	587	1407	1500	634		1320	1433	653	1183	1267	587
6413	1413	1443	507	1347	1443	587		1307	1417	630	1173	1350	580
6414	1447	1477	503	1400	1493	593		1360	1460	653	1193	1400	587
6415	1443	1477	493	1407	1487	590		1357	1450	657	1200	1393	607
6416	1390	1433	393	1313	1410	517		1227	1360	560	1130	1323	557
6417	1400	1450	450	1343	1480	523		1297	1400	573	1200	1363	570
6418	1397	1450	490	1323	1410	543		1253	1360	587	1173	1353	570
6419	1377	1427	457	1303	1343	443		1200	1313	557	1130	1267	580
6420	1373	1423	490	1257	1343	463		1163	1293	553	1163	1273	580
6421	1373	1420	490	1303	1363	487		1227	1343	563	1168	1293	553
6422	1387	1433	457	1293	1390	490		1227	1333	553	1127	1300	547
6423	1350	1417	373	1280	1363	443		1133	1290	553	1123	1267	530
6424	1330	1393	447	1257	1353	473		1167	1280	550	1103	1260	497



	350	1/2	400	1/2	H
6410	1310	1423	1213	1350	603
11	1263	1417	1243	1383	623
12	1257	1423	1207	1390	597
6413	1233	1417	1240	1420	640
14	1283	1410	1277	1440	693
15	1270	1450	1240	1423	583
6416	1173	1358	1140	1290	590
17	1247	1400	1240	1403	633
18	1200	1353	1210	1350	537
6419	1167	1303	1143	1287	467
20	1100	1267	1100	1257	463
21	1200	1357	1217	1383	540
6422	1200	1393	1233	1370	580
23	1133	1267	1140	1300	540
24	1107	1260	1120	1283	480

450	1/2	Hol
1083	1287	567
1110	1290	580
1107	1273	547
1083	1247	500
1140	1330	543
1110	1313	547
1080	1217	503
1113	1213	533
1117	1293	563
1060	1200	493
977	1143	383
1083	1210	454

NOTE

								100 doz Run	1	3, 4, 5, 6/0	1: 2.36 3½ 2.46 4½ 2.35 5 2.27	
Goldh. 664 5% Cobalt Hydrox Ground 300 mt	6658 6721 6662	6425 6426 6427	1113 1117 1090	1407 1423 1320	1430 1457 1347	337 813 247	1293 1330 1237	1340 1370 1290	363 360 360			
Goldstein 644 Dried Covered box 5 holes 23 days 520 Nacl	7475 7467 7447	6428 6429 6430	1260 1253 1257	1377 1353 1357	1407 1377 1370	387 367 877	1443 1380 1390	1490 1410 1420	537 503 510			
Goldstein 645 Dried covered box 5 holes 23 days - 530 Nacl	7688 7720 7716	6431 6432 6433	1237 1247 1247	1370 1373 1390	1407 1407 1413	377 347 353	1440 1447 1430	1463 1473 1457	540 560 527			
Goldstein 649 - Dried box 1 holes 23 days 520 Nacl.	7323 7256 7324	6434 6435 6436	1213 1220 1223	1333 1337 1340	1353 1367 1380	323 943 383	1370 1390 1387	1397 1410 1410	507 563 563			
Goldstein 657 Dried covered box 5 holes 30 days 320 Nacl	7178 7164 7205	6437 6438 6439	1217 1200 1233	1327 1357 1360	1363 1380 1383	373 367 333	1390 1380 1443	1443 1410 1437	517 484 507			
Lot 94 f — Quite some heavies for finis -	7265 7302	6440 6441	1227 1163	1290 1283	1317 1320	417 344	V					
Lot 95 f few heavies for finish —	7377 7284	6442 6443	1173 1193	1253 1217	1317 1257	420 390	V					

6425	1247	1317	397	1150	1257	473
6426	1300	1360	500	1200	1293	447
6427	1183	1243	347	1123	1298	413
6425	1467	1503	593			
6429	1383	1430	590			
6430	1390	1430	580			
6431	1460	1490	580			
6432	1447	1477	607			
6433	1433	1467	636			
6434	1370	1397	547			
6435	1343	1384	573			
6436	1370	1400	567			
6437	1390	1417	537			
6438	1377	1407	557			
6439	1293	1427	570			

350	½	¾			
1083	1193	550	1033	1163	490
1123	1237	547	1040	1160	467
1057	1177	497	1043	1133	460

6425	1023	1167	1047	1180	373	
26	993	1117	1047	1180	403	
27	1020	1107	1023	1137	460	

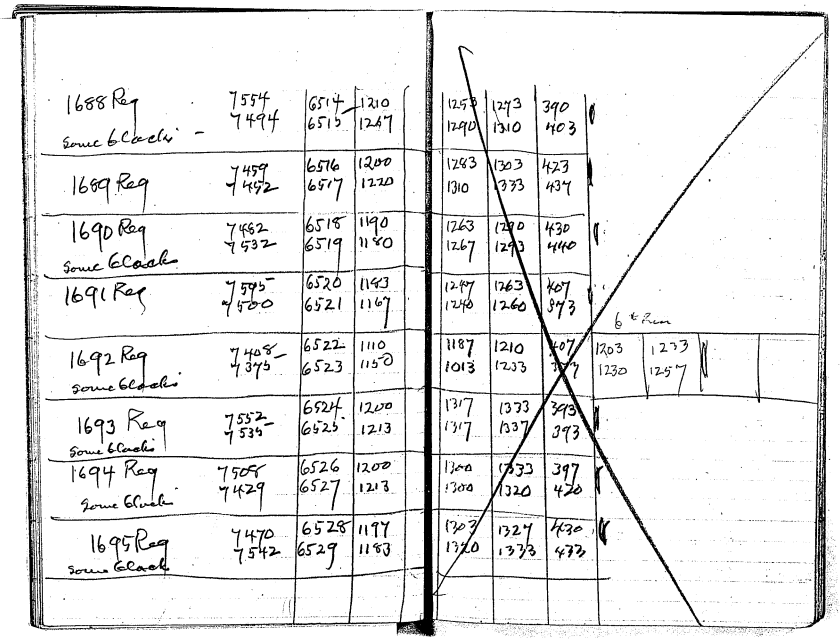
Lot 96 f	7240	6444	1173	1250	1323	393
few heads in -	7229	6445	1193	1210	1247	363
1652 Reg	7369	6446	1210	1280	1323	350
	7456	6447	1213	1290	1360	333
1653 Reg	7370	6448	1197	1287	1300	463
	7224	6449	1170	1210	1248	417
Lot 97 f	7328	6450	1257	1303	1330	407
	7245	6451	1250	1290	1307	417
1654 Reg	7437	6452	1197	1293	1313	430
	7454	6453	1207	1277	1290	403
1655 Reg	7543	6454	1237	1333	1350	447
	7448	6455	1230	1290	1310	407
1656 Reg	7402	6456	1207	1293	1310	433
	7403	6457	1213	1277	1290	447
1657 Reg	7342	6458	1227	1277	1323	390
	7469	6459	1247	1323	1343	387
~~[illegible]~~						

1658 Reg few 6 Crack Kernels	7436 7434	6460 6461	1223 1230	1340 1317	1330 1340	357 390
1659 Reg few 6 Crack Kernels	7210 7267	6462 6463	1157 1180	1253 1293	1240 1313	407 407
1660 Reg	7301 7294	6464 6465	1183 1180	1273 1277	1290 1290	413 400
1661 Reg few 6 Cracks	7321 7330	6466 6467	1160 1187	1210 1257	1237 1283	380 347
1662 Reg	7284 7246	6468 6469	1180 1137	1213 1200	1237 1233	353 380
1664 Reg	7545 7509	6470 6471	1117 1210	1237 1297	1260 1317	383 397
1665 Reg	7354 7294	6472 6473	1230 1213	1297 1247	1317 1267	393 400
1666 Reg	7425 7345	6474 6475	1197 1200	1297 1247	1264 1297	397 380
1667 Reg	7495 7430	6476 6477	1213 1200	1257 1263	1297 1290	347 363

1668 Reg	7437 7391	6478 6479	1207 1283
1669 Reg	7435 7451	6480 6481	1143 1173
1670 Reg (2 blanks in —)	7522 7450	6482 6483	1183 1200
1671 Reg	7535 7560	6484 6485	1227 1190
1672 Reg	7580 7376	6486 6487	1230 1217
1673 Reg	7460 7441	6488 6489	1227 1200
1674 Reg	7383 7398	6490 6491	1183 1197
1675 Reg (2 blanks in)	7443 7513	6492 6493	1217 1193
1676 Reg	7500 7512	6494 6495	1250 1250

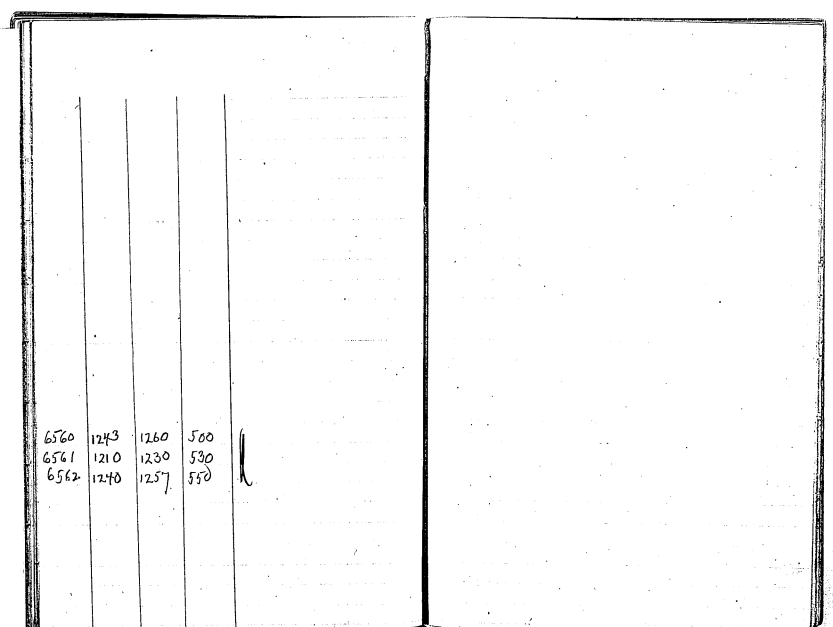
1263 1267	1287 1287	343 347	0	7 cold 50 ½ H
1168 1180	1190 1207	320 347	1200 1223	1263 1250
1313 1303	1330 1327	420 390		
1350 1293	1347 1308	430 343		
1317 1327	1330 1347	403 400		
1323 1297	1337 1317	423 424		
1317 1297	1330 1320	440 413		
1300 1257	1320 1280	450 410		
1333 1330	1353 1347	403 377		

1677 Reg few Cracks	7480 7489	6496 6497	1190 1190	1270 1267	1283 1283	377 383
1678 Reg	7325 7290	6498 6499	1227 1203	1307 1293	1323 1307	340 363
1679 Reg few Cracks	7480 7660	6500 6501	1233 1230	1307 1330	1332 1343	333 354
1680 Reg some Cracks	7305 7318	6502 6503	1197 1180	1277 1297	1300 1323	350 400
1681 Reg some Cracks	7459 7455	6504 6505	1237 1210	1290 1287	1310 1307	357 384
1684 Reg few Cracks	7329 7400	6506 6507	1130 1117	1217 1207	1250 1280	430 443
1685 Reg some Cracks	7513 7442	6508 6509	1213 1237	1300 1300	1323 1327	390 390
1686 Reg some Cracks	7459 7452	6510 6511	1210 1160	1293 1273	1313 1303	413 403
1884 Reg some Cracks	7489 7464	6512 6513	1193 1190	1283 1288	1310 1303	380 400

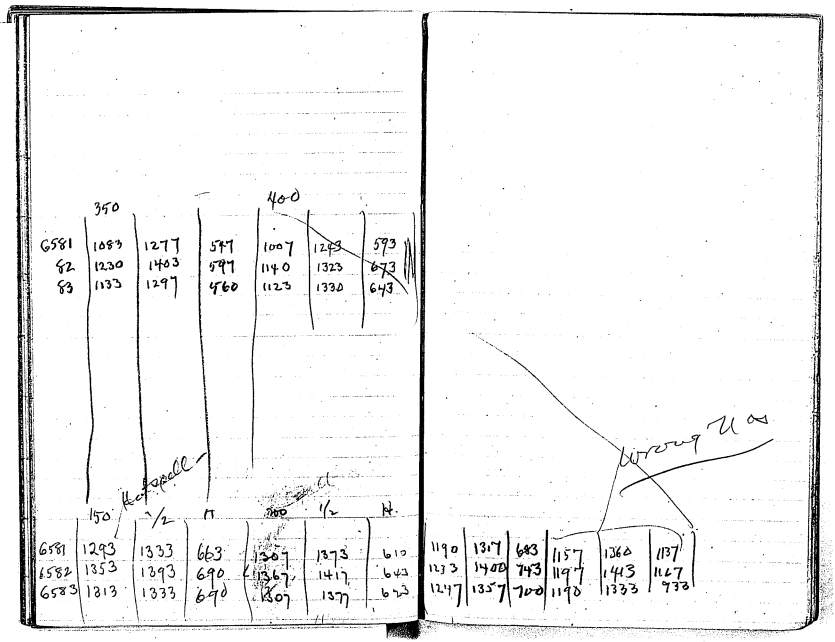

1688 Req
Some 6 Clocks
7554
7494
6514
6515
1210
1267
1293
1290
1293
1310
390
403
1689 Req
7459
7452
6516
6517
1200
1220
1263
1310
1303
1333
423
434
1690 Req
Some 6 Clocks
7462
7432
6518
6519
1190
1180
1263
1267
1290
1293
430
440
1691 Req
7595
7580
6520
6521
1143
1167
1247
1240
1263
1260
407
393
6 & Run
1692 Req
Some 6 Clocks
7408
7375
6522
6523
1110
1150
1187
1013
1210
1233
407
397
1203
1230
1233
1257
1693 Req
Some 6 Clocks
7552
7539
6524
6525
1200
1213
1317
1317
1333
1337
393
393
1694 Req
Some 6 Clocks
7505
7429
6526
6527
1200
1213
1300
1300
1333
1320
397
420
1695 Req
Some 6 Clocks
7470
7542
6528
6529
1197
1183
1303
1320
1327
1333
430
423

1696 Reg Some Blacks	7549 7624	6530 6531	1197 1233	1317 1338	1327 1350	417 434					
1697 Reg	7663 7605	6532 6533	1250 1217	1350 1317	1360 1333	424 457					
1698 Reg Some Blacks	7605 7434	6534 6534	1250 1233	1340 1320	1353 1330	447 423					
1699 Reg Some Blacks	7489 7440	6536 6537	1183 1163	1267 1273	1287 1293	407 393					
1700 Reg Some Blacks	7604 7665	6538 6539	1213 1220	1340 1320	1357 1340	400 390					
1701 Reg Some Blacks	7604 7544	6540 6541	1233 1213	1320 1264	1330 1284	417 453					
1702 Some Blacks	7620 7629	6542 6543	1257 1240	1327 1350	1340 1367	433 410					
Lot 98 f 23.7 4.1	7288 7315	6544 6545	1183 1190	1297 1320	1307 1310	337 373	1267 1307	1293 1343	493 490		
Lot 99 f 23.7 4.1	7351 7339	6546 6547	1197 1197	1317 1303	1337 1323	403 453	1317 1297	1347 1325	473 473		

Goldilocks 667 Mouth Cold Cone Mouth, no swap box 3 holes 24 days dry granular jelly -	7355 7222 7346	6548 6549 6550	1190 1197 1197	1267 1267 1263	1277 1277 1273	400 440 410	1257 1243 1250	1280 1273 1277	500 450 417
Goldilocks 670 Cone Mouth Cold - without Swap 23 days in 3 hole box -	7725 7645 7484	6551 6552 6553	1157 1157 1143	1270 1233 1260	1280 1257 1270	380 323 327	1277 1220 1273	1307 1247 1310	367 350 420
Goldilocks 672 Cone Mouth - Cold no swap - 24 days 5 Hole box	7720 7488 7793	6554 6555 6556	1167 1180 1170	1237 1250 1270	1263 1297 1297	313 327 376	1257 1283 1287	1280 1307 1310	400 407 410
Goldilocks 678 Cone Mouth Cold no swap - 24 days 3 hole box	7530 7501 7500	6557 6558 6559	1177 1173 1193	1270 1270 1270	1300 1293 1283	343 283 357	1277 1277 1250	1363 1293 1277	443 483 483
Goldilocks 673 Cone Mouth cold no swap - 24 days with cover off	7653 7728 7740	6560 6561 6562	1183 1170 1180	1313 1277 1293	1333 1313 1313	307 293 307	1307 1287 1313	1323 1317 1333	540 533 530
1703	7449 7463	6563 6564	1197 1197	1320 1270	1333 1283	437 470	1323 1260	1370 1287	630 600
1704	7476 7522	6565 6566	1197 1200	1307 1300	1327 1320	397 377			


6560 1243 1260 500
6561 1210 1230 530
6562 1240 1257 550

1709 Reg	7460 7544	6567 6568	1143 1170	1260 1290	1277 1303	393 437							
1708 Reg	7475 7514	6569 6570	1230 1230	1310 1310	1330 1330	430 447							
1707 Reg	7522 7520	6571 6572	1207 1198	1310 1280	1333 1297	457 463							
1706 Reg	7440 7417	6573 6574	1183 1153	1287 1243	1300 1267	467 523							
1709 Reg	7547 7639	6575 6576	1197 1197	1250 1283	1307 1307	570 617							
1710 Reg	7635 7638	6577 6578	1203 1210	1233 1233	1273 1273	600 580							
1711 Reg	7525 7546	6579 6580	1187 1187	1230 1217	1240 1230	480 467	1317 1273	1350 1323	603 584				
75/1000 Square ft Reg'n 26.8 3.9	7025 7175 7220	6581 6582 6583	1223 1226 1193	1260 1300 1240	1277 1313 1258	477 500 517	1327 1393 1344	1353 1423 1373	570 573 533				


350
400
6581 1083 1277 587 1007 1283 593
82 1230 1403 597 1140 1323 673
83 1133 1297 460 1123 1330 643
150
1/2
200
1/2
6581 1293 1333 663 1307 1373 610
6582 1353 1393 690 1367 1417 643
6583 1313 1333 690 1307 1377 623
1190 1317 683 1157 1360 1137
1233 1400 743 1197 1443 1167
1247 1357 700 1190 1333 933

Lower Brewery

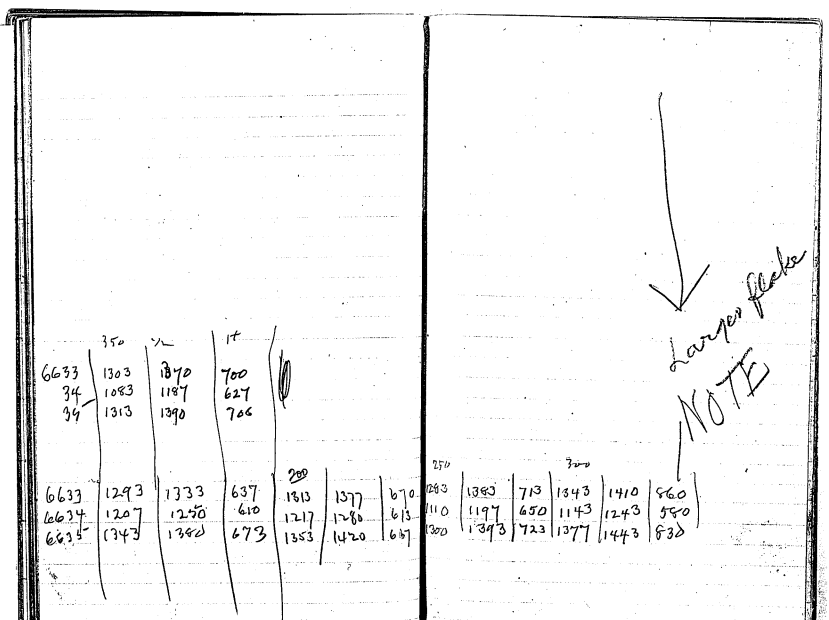
7/5/1060 dgr Flake -		6584	1193	1273	1287	363	1283	1303	533
Goldstar 390 2617	319 - 7592 7505 7590	6585	1193	1270	1283	353	1357	1383	417
		6586	1063	1277	1290	343	1343	1363	410
Goldstar 573.	7345	6587	1090	1100	1118	210	1193	1207	430
88f - 41 27	7325	6588	1077	1113	1127	180	1193	1207	430
No Moth. 23YN									
Goldstar 587	7516	6589	1113	1197	1207	183	1293	1313	447
240	7633	6590	1097	1170	1177	173	1267	1290	417
No Moth.									
Goldstar 694.	7385	6591	1077	1163	1120	270	1133	1167	397
Mating req 520 Moth.	7403	6592	1050	1083	1103	294	1133	1167	397
Dried in box without cover 20 days.	7340	6593	1080	1110	1130	283	1153	1180	393
Goldstar 671 - Cone Moth dried		6594	1110	1110	1127	247	1143	1167	423
28 Days Covered box of flakes 7225		6595	1097	1080	1100	313	1127	1150	397
original precap not boiled or Pomp 7180		6596	1117	1123	1137	290	1133	1163	390
21K2Li	7168								
Goldstar 685 - Mate req 520				1117	1130	293	1160	1190	380
Moth. dried 22 Days Covered		6597	1090	1123	1133	310	1178	1193	373
box 2 holes -	7080	6598	1103	1127	1140	317	1163	1193	383
21K2Li	7125 7115	6599	1097						
Goldstar 686 -		6600	1083	1127	1137	320	1177	1197	400
Req req 520 Moth dried box		6601	1107	1160	1177	330	1227	1250	410
2 holes 19 Days	7090	6602	1127	1133	1153	307	1183	1207	384
	7177								
	7297								

6584	1263	1267	437	
6585	1293	1317	490	
6586	1233	1283	490	
6589	1263	1271	437	
6590	1237	1250	457	
~~6591~~				

Gold. Cem 688.					50			100		
Made new way 529 MaOH.	7051	6603	1103		1117	1130	287	1163	1183	387
Dried box 5/holes 21 days	7050	6604	1087		1120	1130	283	1173	1190	400
	7072	6605	1127		1110	1127	327	1157	1190	443
Gold. Cem 665	7461	6606	1127		1123	1147	280	1157	1183	353
from Cone MaOH. without Chloride	7532	6607	1157		1190	1210	303	1217	1243	360
Evap dried 31 days in box 1 hole	7550	6608	1153		1173	1193	300	1227	1250	390
Gold. Cem 666		6609	1080		1067	1093	273	1087	1120	350
Cone MaOH. without Chloride or	7900	6610	1067		1053	1067	277	1110	1130	390
Evap dried box 2 holes 31	7890	6611	1033		1030	1050	263	1053	1097	373
days	7980									
Gold. Cem 669	7645	6612	1140		1183	1207	317	1210	1240	527
Made from Cone Hot sat'd MaOH.	7574	6613	1110		1167	1183	263	1207	1237	503
without Evap dried 31 days	7570	6614	1103		813	1160	243	1210	1240	503
in box with holes in Cover										
Gold. Cem 674		6615	1060		1143	1160	267	1216	1233	377
Made from Hot Cone Sat'd MaOH.	7561	6616	1117		1207	1220	270	1250	1273	377
without Evap dried box	7644	6617	1117		1187	1207	240	1227	1253	397
without Cover 31 days	7600									
Gold. Cem 679		6618	1090		1143	1153	343	1207	1227	443
Made from Cone MaOH w/Cal in mix heated		6619	1087		1117	1130	347	1193	1213	503
for short time without Evap		6620	1080		1113	1130	320	1183	1203	493
dried 6 ox 1 hole 30 days	7775									
	7648									
	7722									

Goldcrest 696		6621	1063	1087	1110	347	1173	1193	457	
Made on Reg way with 525 Mastt. dried 20 days without Cover	7650 7634 7718	6622	1080	1100	1120	347	1173	1193	433	
		6623	1113	1153	1180	350	1217	1237	443	
Goldcrest 684.	7250	6624	1093	1110	1133	300	1160	1180	363	
Made reg way 520 Mastt. dried 60k 2 Nolen 27 days	7205 7295	6625	1100	1133	1167	347	1180	1200	388	
		6626	1097	1117	1153	350	1160	1180	370	
Goldcrest 689	7197	6627	1100	1130	1133	327	1177	1193	393	
Made reg way 520 Mastt. dried 60k 3 Nolen 26 days	7210 7175	6628	1140	1180	1190	383	1183	1203	397	
		6629	1103	1133	1157	350	1163	1183	400	
Goldcrest 698-	7610	6630	1050	1083	1113	290	1113	1130	373	
Made Reg way 525 Mastt. dried 20 days box without Cover	7630 7640	6631	1087	1130	1157	383	1110	1127	450	
		6632	1090	1130	1153	380	1157	1213	437	
Speed flake		6633	1203	1247	1267	477	1320	1343	513	
Ra 1256- 267 315f	7138 7090 7194	6634	1167	1177	1193	487	1247	1280	573	
		6635	1210	1230	1283	527	1397	1420	610	

NOTE


350
700
1303
1083
1313
1370
1187
1390
700
627
706
6633
34
34
6633
6634
6635
1293
1207
1343
1333
1250
1380
637
610
673
1313
1217
1353
1377
1280
1420
670
613
687
250
300
1283
1110
1300
1383
1197
1393
713
650
723
1343
1143
1377
1410
1243
1443
660
550
638
Larger flake
NOTE

Special Sale	6920	6636	1193	1243	1267	1487	1327	1347	527
75/1000 sqft	6945	6637	1227	1260	1287	1490	1357	1377	553
1756 Rea 28.7 sf	6925	6638	1207	1257	1287	1467	1330	1360	563
Special Sale	6830	6639	1230	1297	1307	1450	1360	1380	600
26.4 225 sf sale	6850	6640	1193	1250	1267	1380	1330	1350	577
75/1000 sf	6900	6641	1207	1243	1267	1420	1323	1343	583
Lot 100 sf	7402	6642	1187	1233	1247	1453			
few leaves	7525	6643	1207	1243	1253	1470			
1713 Reg	7675	6644	1223	1250	1260	1463			
few leaves	7620	6645	1180	1237	1250	1453			
1714 Reg	7845	6646	1193	1267	1290	1423			
few leaves	7755	6647	1183	1270	1293	1430			
1715	7725	6648	1157	1253	1283	1497			
few leaves	7700	6649	1163	1253	1267	1537			
1716	7760	6650	1200	1257	1270	1533			
few leaves	7735	6651	1220	1270	1293	1580			
1717	7830	6652	1217	1300	1310	1443			
few leaves	7725	6653	1213	1283	1300	1460			

				300		
6636	1240	1297	640	1267	1330	647
6637	1273	1303	633	1267	1347	647
6638	1283	1290	610	1243	1307	633
6639	1263	1297	657	1190	1303	667
6640	1237	1260	627	1133	1273	667
6641	1230	1250	600	1193	1313	630

250	½	H	360	½	thd
1173	1240	697	1240	1327	813
1130	1283	667	1220	1330	777
1127	1210	633	1133	1273	773
1043	1177	667	1083	1263	723
967	1117	630	987	1200	720
1030	1170	630	1000	1267	713

NOTE

Large flake

NOTE

3½ flake 1377 860 813

3 flake 1320 1083 723

2½ flake

3½ flake last

1718 Reg	7715	6654	1197	1267	1287	430					
few Cap	7739	6655	1207	1280	1290	430					
1719 Reg	7786	6656	1230	1287	1303	420					
	7815	6657	1237	1267	1307	393					
1720 Reg	7810	6658	1213	1280	1290	400					
	7840	6659	1240	1267	1283	383					
101 Flake	7346	6660	1183	1240	1260	427					
	7287	6661	1173	1227	1243	417					
1645 S.	7569	6662	1093	1200	1220	450					
	7502	6663	1077	1170	1183	423					
1721	7765	6664	1220	1283	1303	380					
	7750	6665	1213	1247	1257	350					
1712	7238	6666	1127	1187	1260	327	1193	1207	513		
two lt Cold Preap	7205	6667	1140	1213	1230	313	1207	1217	510		
1722	7776	6668	1196	1243	1287	493					
	7785	6669	1167	1180	1203	473					
1723	7781	6670	1157	1187	1203	463					
few Cap	7766	6671	1173	1180	1208	397					

1724 Reg few 6 Cap	7780 7793	6672 6673	1200 1183
1725 few 6 Cap	7724 7734	6674 6675	1197 1197
1726	7675 7710	6676 6677	1187 1213
1682 few 6 Cap	7765 7707	6678 6679	1177 1127
1683	7665 7730	6680 6681	1140 1157
Paddock 668 Hot Conc Mattf. drived in box 1 Hole 40 days	7162 7360 7280	6682 6683 6684	1180 1173 1153
Paddock 681 520 Mattf. drived con box 1 hole 30 days	7364 7368 7401	6685 6686 6687	1153 1150 1133
Paddock 683 520 mattf. drived box 1 hole 30 days	7165 7108 7120	6688 6689 6690	1117 1120 1133

1240	1260	400				
1207	1230	397				
1220	1247	353				
1227	1237	370				
1247	1260	400				
1300	1313	487				
1187	1197	483				
1183	1197	460				
1213	1233	480				
1203	1227	483				
1213	1247	460	1280	1310	452	
1190	1227	457	1257	1287	450	
1180	1210	457	1227	1260	460	
1200	1253	453	1280	1300	447	
1180	1207	393	1260	1283	410	
1177	1203	367	1260	1293	417	
1157	1183	367	1223	1253	417	
1177	1200	397	1247	1270	420	
1180	1203	457	1247	1270	443	

Goldsbrow 692. Conc Sol Matth. dried box without holes	7768 7800 7800	6691 6692 6693	1090 1097 1113	1147 1123 1167	1167 1147 1187	393 407 403	1210 1210 1243	1250 1247 1277	510 510 497	
1712 Ex Capt Dried on Covered pan 4th Coit	7551 7500	6694 6695	1107 1097	1177 1190	1190 1200	453 453	1247 1257	1250 1287	487 510	
1727 Reg Heavy gum	7793 7773	6696 6697	1207 1197	1277 1263	1287 1277	523 463				
1728 Reg	7743 7720	6698 6699	1217 1207	1263 1287	1297 1300	463 463				
1729 few Cax	7757 7793	6700 6701	1110 1103	1207 1177	1230 1200	450 390				
1730 few Cax	7692 7676	6702 6703	1167 1123	1210 1190	1223 1203	393 447				
1732 few Cax	7700 7730	6704 6705	1127 1127	1200 1190	1220 1213	407 407				
1733 few Cax	7761 7730	6706 6707	1183 1180	1243 1250	1257 1267	453 453				

Lot 102 ft	7345 7305	6708 6709	1127 1143	1223 1240	1243 1253	487 467
1731 Reg	7765 7707	6710 6711	1183 1127	1253 1233	1273 1243	487 447
1734 few blox	7421 7420	6712 6713	1220 1247	1240 1280	1267 1303	487 483
1735	7690 7773	6714 6715	1233 1223	1303 1300	1320 1317	443 413
1737	7745 7830	6716 6717	1193 1190	1293 1273	1307 1287	427 387
1738	7552 7569	6718 6719	1150 1157	1243 1250	1267 1277	430 430
1739	7665 7580	6720 6721	1213 1193	1280 1243	1317 1267	427 403
1740 few blox	7570 7470	6722 6723	1270 1250	1307 1290	1314 1307	557 5-66
1741 few blox	7470 7530	6725 6725	1017 1273	1257 1273	1270 1284	567 487